L Number	Hits	Search Text	DB	Time stamp
1	2943	((427/226) or (427/229) or (427/376.2) or (427/376.3) or	USPAT	2002/09/04 06:35
		(427/376.4) or (427/380)).CCLS.		
2	50	(((427/226) or (427/229) or (427/376.2) or (427/376.3) or	USPAT	2002/09/04 06:35
		(427/376.4) or (427/380)).CCLS.) and (@pd > "20020130")		The same of the sa
3	0	((((427/226) or (427/229) or (427/376.2) or (427/376.3) or	USPAT	2002/09/04 06:36
		(427/376.4) or (427/380)).CCLS.) and (@pd > "20020130"))		
		and (cutting adj tool)		
4	22508	cutting adj tool	USPAT	2002/09/04 06:36
5	1413	(cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film)	USPAT	2002/09/04 08:16
6	10	((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film))	USPAT	2002/09/04 06:40
i.		and (((427/226) or (427/229) or (427/376.2) or (427/376.3) or		
		(427/376.4) or (427/380)).CCLS.)		
7	21	((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film))	USPAT	2002/09/04 06:45
		same (metal adj oxide)		
8	112	((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film))	USPAT	2002/09/04 06:45
		and (metal adj oxide)		14
9	41	(((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or	USPAT	2002/09/04 06:45
-	, ,	film)) and (metal adj oxide)) and 427/\$.ccls.		
10	32	((((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or	USPAT	2002/09/04 06:45
	O <sub>Z</sub>	film)) and (metal adj oxide)) and 427/\$.ccls.) not (((cutting adj	00,711	2002/00/01/00:10
į		tool) near6 (coat\$4 or deposit\$4 or layer or film)) same		
		(metal adj oxide))		
11	31	(((((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or	USPAT	2002/09/04 06:52
''	51	film)) and (metal adj oxide)) and 427/\$.ccls.) not (((cutting adj	OGI AT	2002/03/04 00:02
		tool) near6 (coat\$4 or deposit\$4 or layer or film)) same		
		(metal adj oxide))) not (((cutting adj tool) near6 (coat\$4 or		
		deposit\$4 or layer or film)) and (((427/226) or (427/229) or		
1		(427/376.2) or (427/376.3) or (427/376.4) or		
12	11	(427/380)).CCLS.)) ((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film))	USPAT	2002/09/04 06:53
12	11	and carboxylate	USFAT	2002/03/04 00.33
13	53		USPAT	2002/09/04 07:15
		(cutting adj tool) and carboxylate	USPAT	2002/09/04 07:16
14	187	(cutting adj tool) and carboxylic	USPAT	2002/09/04 07:17
15	31	((cutting adj tool) and carboxylic) and 427/\$.ccls.		
16	28	(((427/226) or (427/229) or (427/376.2) or (427/376.3) or	USPAT	2002/09/04 07:17
47	4.0	(427/376.4) or (427/380)).CCLS.) and (cutting adj tool)	LICDAT	2002/00/04 07:24
17	18	((((427/226) or (427/229) or (427/376.2) or (427/376.3) or	USPAT	2002/09/04 07:24
		(427/376.4) or (427/380)).CCLS.) and (cutting adj tool)) not		
		(((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or		
		film)) and (((427/226) or (427/229) or (427/376.2) or		
40	0	(427/376.3) or (427/376.4) or (427/380)).CCLS.))	LICDAT	2002/00/04 07 24
18	0	((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film))	USPAT	2002/09/04 07:24
	!	and @20carboxylate\$1		0000/00/04 07 50
20	15	((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or film))	USPAT	2002/09/04 07:59
		and \$10carboxylate\$1		000000000000000000000000000000000000000
21	4	(((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or	USPAT	2002/09/04 07:59
		film)) and \$10carboxylate\$1) not (((cutting adj tool) near6		
		(coat\$4 or deposit\$4 or layer or film)) and carboxylate)		1
22	11964	(coat\$4 or deposit\$4 or film or layer) same \$10carboxylate\$1	USPAT	2002/09/04 08:13
23	19	((coat\$4 or deposit\$4 or film or layer) same	USPAT	2002/09/04 08:13
		\$10carboxylate\$1) and (cutting adj tool)		
24	15	(((coat\$4 or deposit\$4 or film or layer) same	USPAT	2002/09/04 08:14
		\$10carboxylate\$1) and (cutting adj tool)) not (((cutting adj		
		tool) near6 (coat\$4 or deposit\$4 or layer or film)) and		8
		\$10carboxylate\$1)		

<sup>12 |</sup> cutting adjitool near10 (coat\$4 or deposit\$4 or ayer or films) | USPAT | 2002/09/04 08 17 and ((427/226) or (427/229) or (427/376 2) or (427/376 3) or (427/376 4) or (427/380)) CCLS )

is an element  $\mathcal{S}_{\mathcal{A}} = \{1, 2, \dots, 4, 2, 2, \dots, 4, 4, 4, \dots, 4,$ 

29	2	((cutting adj tool near10 (coat\$4 or deposit\$4 or layer or	USPAT	2002/09/04 08:17
		film)) and (((427/226) or (427/229) or (427/376.2) or		
		(427/376.3) or (427/376.4) or (427/380)) CCLS.)) not		
		(((cutting adj tool) near6 (coat\$4 or deposit\$4 or layer or		
		film)) and (((427/226) or (427/229) or (427/376.2) or		
		(427/376.3) or (427/376.4) or (427/380)).CCLS.))	LIODAT	0000100101 00 17
30	12	(cutting adj tool near10 (coat\$4 or deposit\$4 or layer or film)) and carboxylate	USPAT	2002/09/04 08:17
31	1	((cutting adj tool near10 (coat\$4 or deposit\$4 or layer or	USPAT	2002/09/04 08:18
		film)) and carboxylate) not (((cutting adj tool) near6 (coat\$4		
		or deposit\$4 or layer or film)) and carboxylate)		
32	3521	cutting adj tool near10 (coat\$4 or deposit\$4 or layer or film)	US-PGPUB; EPO: JPO:	2002/09/04 08:18
	0.7		DERWENT:	
			IBM TDB	
33	6	(cutting adj tool near10 (coat\$4 or deposit\$4 or layer or film))	US-PGPUB:	2002/09/04 08:36
		and \$10carboxylate\$1	EPO: JPO:	
			DERWENT:	
			IBM TDB	
34	6	(cutting adj tool near10 (coat\$4 or deposit\$4 or layer or film))	US-PGPUB;	2002/09/04 08:37
		and carboxylic	EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
35	14	(cutting adj tool near10 (coat\$4 or deposit\$4 or layer or film))	US-PGPUB;	2002/09/04 08:37
		same (metal adj oxide)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
36	13	((cutting adj tool near10 (coat\$4 or deposit\$4 or layer or	US-PGPUB;	2002/09/04 08:38
		film)) same (metal adj oxide)) not ((cutting adj tool near10	EPO; JPO;	
		(coat\$4 or deposit\$4 or layer or film)) and carboxylic)	DERWENT;	
			IBM_TDB	